



Fractus Antennas CTO Becomes IEEE Fellow for His Contributions Towards Miniature Antennas

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Dr. Jaume Anguera, Co-Founder and CTO at [Fractus Antennas](#), has been selected as an IEEE Fellow for his contributions to small and multiband antennas for wireless telecommunication devices. The [IEEE Grade of Fellow](#) is conferred by the [IEEE Board of Directors](#) upon a person with an outstanding record of accomplishments in any of the IEEE fields of interest. It is the highest grade of membership and is recognized by the technical community as a prestigious honor and an important career achievement.

The most salient contribution of Anguera is [Virtual Antenna](#) technology where he is the lead inventor together with his peer colleagues [Dr. Aurora Andújar](#) and [Dr. Carles Puente](#). The range of Fractus' [mXTEND](#) products based on the Virtual Antenna technology, created by Jaume Anguera and his colleagues, enables full functional multi-band wireless connectivity to smartphones and IoT devices through miniature and off-the-shelf antenna boosters that replace traditional customized antennas.

[Dr. Jaume Anguera](#) is the co-founder and CTO of Fractus Antennas. He is also a Professor at [Ramon LLull University](#) where he teaches subjects related to antennas and is a member of the GRITS research group. He is the inventor of more than 130 patents, most of them licensed to telecommunication companies and author of more than 230 scientific widely cited papers and international conferences. He has participated in more than 21 competitive research projects financed by the Spanish Ministry, by CDTI, CIDEM (Generalitat de Catalunya) and the European Commission for an amount exceeding € 6M being a principal researcher in most of them. He has taught more than 20 antenna courses around the world (USA, China, Korea, India, UK, France, Poland, Czech Republic, Tunisia, Spain).

With over 20 years of R&D experience, Dr. Anguera has developed part of his professional experience with Fractus in South Korea in the design of miniature antennas for large Korean companies such as Samsung and LG. He has received several national and international awards (ex. 2004 Best Ph.D Thesis COIT, 2004 IEEE New Faces of Engineering, 2011 Alé Vinarossenc - Vinaròs, 2014 Finalist European Patent Award). He has directed the master/doctorate thesis to more than 100 students, many of them have received awards for their thesis (COIT, COITT, Ministry of Education). He is also the founder of the [ciènciaprop](#) scientific dissemination program. His biography appears in Who'sWho in Science and Engineering. He is an associate editor of the [IEEE Open Journal on Antennas and Propagation](#) and reviewer in several IEEE scientific journals.